Passenger Boarding Steps

The Standard of Durability
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JBT AeroTech’s family of mobile passenger boarding steps are designed to enplane and deplane airline passengers safely and efficiently at airports around the world. Four model types, Eurostep, UDS-2, SmartStep-2 and NBS-2 are fully capable of handling a wide range of commercial aircraft ranging from the Embraer 170 to the main deck of the A380. The Standard of Durability is evident in the heavy-duty, purpose built chassis with weight concentrated at the center of the unit which provides a secure platform for aircraft passenger boarding operations.

JBT AeroTech passenger boarding steps provide a lower total cost of ownership (TCO) through relentless focus on safety, operation, maintenance, reliability and durability.

**Exceptional Safety**
Is the result of fine adjustment controls and a pivoting, shock absorbing access platform that aligns automatically with the aircraft fuselage.

**Efficient Operation**
Is assured with an extra wide access platform and spacious stairway steps that move passengers on and off aircraft quickly and comfortably.

**Easy Maintenance**
Is the benefit of unlimited access to the centrally located power module and all major components.

**Extended Reliability and Durability**
Is guaranteed with a heavy duty, all steel custom chassis and the all aluminum access platform and stairs.

To ensure your maximum return on investment, JBT AeroTech has made a commitment to worldwide aftermarket support that is unmatched in the industry. Our worldwide parts warehouses and partners provide you the best value of TCO.
JBT Passenger Boarding Steps Specifications

<table>
<thead>
<tr>
<th>Options</th>
<th>NBS-2</th>
<th>SmartStep-2</th>
<th>UDS-2</th>
<th>EuroStep</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Height</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum</td>
<td>4.00 m (157 in)</td>
<td>5.80 m (228 in)</td>
<td>5.73 m (225 in)</td>
<td>5.84 m (230 in)</td>
</tr>
<tr>
<td>Minimum</td>
<td>1.70 m (67 in)</td>
<td>2.40 m (94 in)</td>
<td>2.45 m (96 in)</td>
<td>2.40 m (94 in)</td>
</tr>
<tr>
<td>Access Platform</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>2.50 m (98 in)</td>
<td>3.00 m (118 in)</td>
<td>2.80 m (110 in)</td>
<td>3.00 m (118 in)</td>
</tr>
<tr>
<td>Length</td>
<td>1.60 m (63 in)</td>
<td>1.80 m (71 in)</td>
<td>1.80 m (71 in)</td>
<td>1.83 m (72 in)</td>
</tr>
<tr>
<td>Stairs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>1.20 m (47 in)</td>
<td>1.20 m (47 in)</td>
<td>1.50 m (59 in)</td>
<td>1.50 m (59 in)</td>
</tr>
<tr>
<td>Depth</td>
<td>290 mm (11 in)</td>
<td>290 mm (11 in)</td>
<td>290 mm (11 in)</td>
<td>292 mm (12 in)</td>
</tr>
<tr>
<td>Height</td>
<td>160 mm (6 in)</td>
<td>178 mm (7 in)</td>
<td>194 mm (8 in)</td>
<td>178 mm (7 in)</td>
</tr>
<tr>
<td>Load Capacity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Platform</td>
<td>1,710 kg (3,770 lb)</td>
<td>1,710 kg (3,770 lb)</td>
<td>2,050 kg (4,519 lb)</td>
<td>2,050 kg (4,519 lb)</td>
</tr>
<tr>
<td>Per Step</td>
<td>228 kg (503 lb)</td>
<td>228 kg (503 lb)</td>
<td>228 kg (503 lb)</td>
<td>228 kg (503 lb)</td>
</tr>
</tbody>
</table>

All JBT AeroTech Passenger Steps Include:

- JBT AeroTech Custom-built Chassis
- Stabilizers – Four, Hydraulically Actuated
- Engine – Deutz D 2011 L04i Diesel, 47.5 kW (64 hp) Com 3
- Transmission – Hydrostatic Drive with Dynamic Braking
- 24 Volt DC

**Operators Cab**
- Enclosed Cab with Wipers, Mirrors and Interior Lights
- Open Cab with Wipers, Mirrors and Interior Lights
- Canopy
- Open Sided or Enclosed
- Hydraulic
- Electric Emergency Pump
- Chassis
- Headlight Guards
- Rubber Cover Over Front Stabilizers
- Safety Barriers with Drive Inhibition

**Electrical**
- Alarms - Step Lowering, Platform in Contact with Aircraft (Cushion)
- Aircraft Proximity Sensor
- Speed Limiter with Mobile Flight Up

**Winterization**
- Winterization, 125V / 240 V

For the complete range of options available for specific models please contact your Sales Representative

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